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Patent Docket-P2930R1C5

February 12, 1999;60/162,506, filed October 29, 1999;60/170,262, filed December 9, 1999;60/187,202, filed March 3, 2000, the entire disclosures of which are hereby incorporated by reference.

**In the Claims:**

Please cancel Claims 1-21 without prejudice or disclaimer.

Please add new Claims 22-34 as follows.

--22. (New) An isolated polypeptide having at least 80% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9);
- (b) the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9),

lacking its associated signal peptide;

(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9);

(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203583.

23. (New) The isolated polypeptide of Claim 22 having at least 85% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9);

(b) the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide;

(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9);

(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding

sequence of the cDNA deposited under ATCC accession number 203583.

24. (New) The isolated polypeptide of Claim 22 having at least 90% amino acid sequence identity to:

- A2
- (a) the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9);
  - (b) the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide;
  - (c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9);
  - (d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide; or
  - (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203583.

25. (New) The isolated polypeptide of Claim 22 having at least 95% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9);
- (b) the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide;
- (c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9);
- (d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide; or
- (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203583.

26. (New) The isolated polypeptide of Claim 22 having at least 99% amino acid sequence identity to:

- A2
- (a) the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9);
  - (b) the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide;
  - (c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9);
  - (d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide; or
  - (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203583.

27. (New) An isolated polypeptide comprising:

- (a) the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9);
- (b) the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide;
- (c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9);
- (d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide; or
- (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203583.

28. (New) The isolated polypeptide of Claim 27 comprising the amino acid sequence of the polypeptide shown in Figure 6 (SEQ ID NO:9).

29. (New) The isolated polypeptide of Claim 27 comprising the amino acid sequence of

the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide.

30. (New) The isolated polypeptide of Claim 27 comprising the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9).

31. (New) The isolated polypeptide of Claim 27 comprising the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 6 (SEQ ID NO:9), lacking its associated signal peptide.

32. (New) The isolated polypeptide of Claim 27 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203583.

33. (New) A chimeric polypeptide comprising a polypeptide according to Claim 22 fused to a heterologous polypeptide.

34. (New) The chimeric polypeptide of Claim 33, wherein said heterologous polypeptide is an epitope tag or an Fc region of an immunoglobulin.--